

ABSTRACT OF THE DISCLOSURE

A method and apparatus for interfacing a plurality of gas measurement systems, including a mainstream and a sidestream gas measurement system, to a host system via an interface unit. The present invention also pertains to a sidestream gas measurement system that output signals emulating the signals output by a mainstream gas measurement system or portion thereof, so that the sidestream gas measurement system can seamlessly communicate with a host system configured to communicate only a mainstream gas measurement system or a portion thereof.